

July 1, 2014
JUN 30 2014

High Capacity Dewatering Well Application

Form 3300-258 (R 11/02)

Page 1 of 4

Notice: Prior department approval is required for the construction, reconstruction or operation of a high capacity well or system of high capacity wells in accordance with Section NR 812.09(4)(a), Wisconsin Administrative Code. Personally identifiable information collected on this form, including such data as your name, address and phone number, will be used for management of department programs and is unlikely to be used for other purposes. This information will be addressable under Wisconsin's Open Records Laws, ss. 19.32 - 19.39, Wis. Stats.

Project Name and Description

Project Name and Description

WEST PORT TOWN Hall / PUBLIC WORKS Facility - NEW FOUNDATION DEWATERING
Dewatering System Property Owner

Name and Title		Company		
<u>Tom Wilson TOWN ADMINISTRATOR</u>		<u>TOWN OF WEST PORT</u>		
Street Address	City	State	ZIP Code	Contact Person
<u>5387 Mary Lake RD</u>	<u>Wausaukee</u>	<u>WI</u>	<u>53597</u>	<u>Tom Wilson</u>
Telephone Number	Fax Number	E-Mail Address		
<u>608-849-4372</u>	<u>608-849-9657</u>	<u>twilson@townofwestport.org</u>		

Dewatering System Operator

Name and Title		Company		
<u>Richard Steele</u>		<u>Allen Steele CO INC</u>		
Street Address	City	State	ZIP Code	Contact Person
<u>P.O Box 430</u>	<u>Lake Delton</u>	<u>WI</u>	<u>53940</u>	<u>Richard Steele</u>
Telephone Number	Fax Number	E-Mail Address		
<u>608-254-2595</u>	<u>608-254-2433</u>	<u>rich@allensteele.co.com</u>		

Proposed Dewatering System Location

Quarter of the Quarter	Quarter or Government Lot Number	Section Number or French Long Lot Number	
<u>SE</u>	<u>SE</u>	<u>21</u>	
Township	Range	<input type="checkbox"/> City <input type="checkbox"/> Village <input checked="" type="checkbox"/> Civil Town	County
<u>T 08 N</u>	<u>R 09</u> <input checked="" type="checkbox"/> East <input type="checkbox"/> West	<u>OF WESTPORT</u>	<u>DANE</u>

Street or Grid Address (fire number)

Dewatering System Operation

Name of Nearest Public Utility Well	Proposed Total Average Pumpage per Day	Proposed Total Maximum Pumpage per Day	
<u>TOWN OF WESTPORT water utility</u>	<u>144,000 Gal</u>	<u>216,000</u> gallons	
Distance from Public Utility Well	Discharge Location Description (e.g. storm sewer, drainage swale, settling basin, etc.)		
<u>2</u> <input type="checkbox"/> Feet <input checked="" type="checkbox"/> Miles	<u>SETTLING BASIN</u>		
Direction (e.g. WNW) to Public Utility Well	Total Number of Dewatering Wells/Points in Project		
<u>NW</u>	<u>60 Well Points</u>		
Proposed Pump (Dewatering System) Capacity	Number of Wells/Points in Use at Any Given Time		
<u>400 GAL MIN</u> gallons per minute	<u>60</u>		
Dewatering Project Start Date (MM/DD/YYYY)	Dewatering Project Completion Date (MM/DD/YYYY)		
<u>7/15/14</u>	<u>8/15/14</u>		
Proposed Aquifer Formation	At a Depth of:	Static Water Level	Proposed Dewatering Water Level
<u>SAND AND GRAVEL</u>	<u>24'</u>	<u>852.00</u>	<u>853.00</u>

Well Construction

Total well depth (feet)	Borehole diameter (inches)	Drilling method (e.g. rotary, jetting, percussion, etc.)	
<u>24'</u>	<u>8"</u>	<u>Jetting</u>	
Geologic formations to be penetrated by well (e.g. sand, gravel, clay, sandstone, limestone, etc.)			
<u>CLAY, SAND</u>			
Casing depth (feet)	Well casing wall thickness (in.)	Casing material (e.g. steel, schedule 40 PVC)	Casing diameter (inches)
<u>24'</u>	<u>1/8</u>	<u>polyethylene</u>	<u>1.5"</u>

Well Construction (continued)

Method of connecting well casing segments <input checked="" type="checkbox"/> weld <input type="checkbox"/> solvent weld <input type="checkbox"/> threaded/mechanical		Height of well casing termination above local ground elevation (in) <div style="text-align: center; font-size: 1.2em;">18"</div>
Well screen material (e.g. wire wound steel, slotted PVC) <div style="text-align: center; font-size: 1.2em;">Slotted Polyethylene</div>	Well screen length (ft) <div style="text-align: center; font-size: 1.2em;">5'</div>	Well screen diameter (in) <div style="text-align: center; font-size: 1.2em;">1.5"</div>
Method of attaching screen to well casing or placing screen <div style="text-align: center; font-size: 1.2em;">Fuse Weld</div>	Type of well screen <input type="checkbox"/> wire wound <input checked="" type="checkbox"/> slotted pipe	
Annular space seal material (e.g. bentonite, cement, native material) <div style="text-align: center; font-size: 1.2em;">Course Sand</div>	Method of placing annular seal (e.g. tremie pipe) <div style="text-align: center; font-size: 1.2em;">Tremie Pipe</div>	

Pump Installation

Pump type (e.g. submersible, vacuum) <div style="text-align: center; font-size: 1.2em;">Vacuum</div>	Individual pump capacity (gpm) <div style="text-align: center; font-size: 1.2em;">400</div>	Well seal type and design <div style="text-align: center; font-size: 1.2em;">Cam Loc</div>	Check valve location <div style="text-align: center; font-size: 1.2em;">AT Header Pipe</div>
---	--	---	---

Well Abandonment

Well abandonment method (e.g. fill with bentonite, collapsing formation, etc.)

Collapsing Formation

Enclosures

- ☒ Plat map (project location marked)
- ☒ Engineering plan map of project (do not submit complete set of plans)
- ☒ Contamination sites (BRRTS information) with well locations and discharge location
(www.dnr.state.wi.us/org/aw/rr/brrts/index.htm)
- ☒ Well construction diagram with dimensions
- ☒ Drawing of manifold design if multiple wells are connected together
- ☒ Discharge drawing
- ☐ If WPDES permit already issued, attach copy

Variance Request Signature

Are you requesting a variance for the proposed well(s) to have less than 25 feet of casing or for a variance to any part of ch. NR 812, Wis. Adm. Code? If yes, property owner signature required.

Property Owner Signature	Date Signed
--------------------------	-------------

Applicant

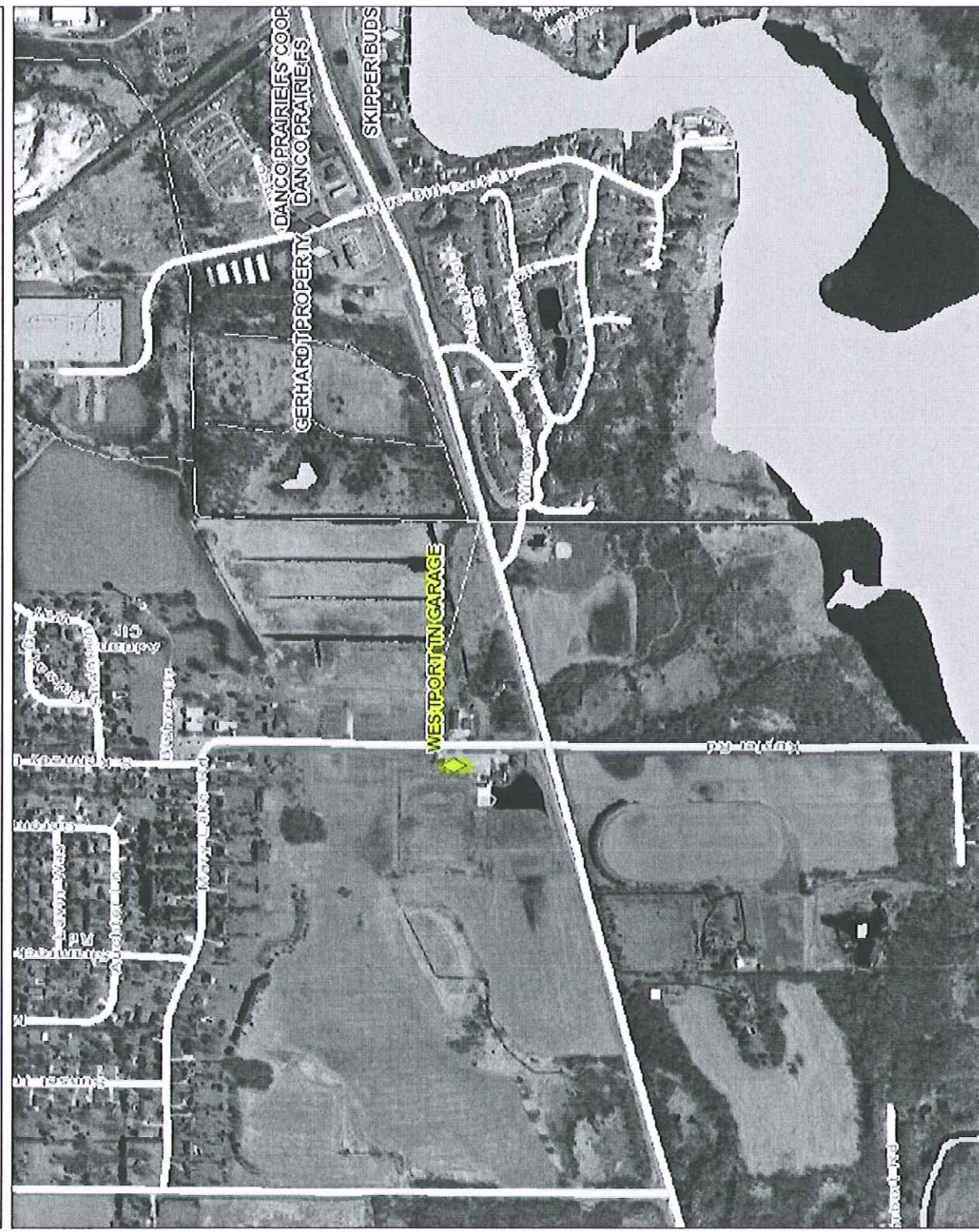
Name: Last <div style="text-align: center; font-size: 1.2em;">Steele</div>	First <div style="text-align: center; font-size: 1.2em;">Richard</div>	MI <div style="text-align: center; font-size: 1.2em;">A</div>	Signature <div style="text-align: center; font-size: 1.2em;">Richard Steele</div>		
Street Address <div style="text-align: center; font-size: 1.2em;">P.O. Box 430</div>	City <div style="text-align: center; font-size: 1.2em;">Lake Delton</div>	State <div style="text-align: center; font-size: 1.2em;">WI</div>	ZIP Code <div style="text-align: center; font-size: 1.2em;">53940</div>	Date (mm/dd/yyyy) <div style="text-align: center; font-size: 1.2em;">6/26/14</div>	
Company Name <div style="text-align: center; font-size: 1.2em;">Allen Steele Co Inc</div>	(Area Code) Telephone Number <div style="text-align: center; font-size: 1.2em;">608-254-2595</div>	E-Mail Address <div style="text-align: center; font-size: 1.2em;">rich@allensteeleco.com</div>			

Department Use Only

Receipt Date (mm/dd/yyyy)	Response Date (mm/dd/yyyy)
Review Engineer	Authorized Signature
Calculated Public Utility Well Drawdown Value or No Expected Impact Judgement <div style="text-align: center;"> Feet <input type="checkbox"/> No Expected Significant Impact </div>	Action: Conditions of approval are attached if approved. <div style="text-align: center;"> <input type="checkbox"/> Approved <input type="checkbox"/> Denied </div>



BRR's MAP



Legend

- ◆ Open Site (ongoing cleanup)
- Open Site Boundary
- ◇ Closed Site (completed cleanup)
- Closed Site Boundary
- Airport
- 2010 Air Photos (WROC)
- Cities
- Villages

Proposed Dewatus
site is same
site as completed
cleanup

Notes

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wisconsin.gov/legal>

Note: Not all sites are mapped.

0.3 Miles

0.17

0

1:10,908

NAD_1983_HARN_Wisconsin_TM

© Latitude Geographics Group Ltd.